

Title (en)

BROWNOUT SOLUTION FOR ELECTROMECHANICAL AUTOMATIC TRANSFER SWITCH

Title (de)

SPANNUNGSABFALLLÖSUNG FÜR EINEN ELEKTROMECHANISCHEN AUTOMATIKTRANSFERSCHALTER

Title (fr)

SOLUTION DE BAISSSE DE TENSION POUR COMMUTATEUR DE TRANSFERT AUTOMATIQUE ÉLECTROMÉCANIQUE

Publication

EP 2269205 B1 20150610 (EN)

Application

EP 09781593 A 20090806

Priority

- EP 2009060252 W 20090806
- US 18959708 A 20080811

Abstract (en)

[origin: US2010033274A1] A circuit for dynamically increasing the drop-out voltage of an electromechanical automatic transfer switch (ATS) into a brownout voltage range is provided. The automatic transfer switch includes a first input, a first coil connected to the first input, and a first, normally-open auxiliary contact in magnetic communication with the first coil. The circuit includes a first resistor adapted to connect to the first, normally-open auxiliary contact, and a first transformer having a primary winding connected to the first resistor, and a secondary winding adapted to connect to the first coil. An operating voltage across the first coil is reduced a proportional amount by a secondary voltage across the secondary winding when the first, normally-open auxiliary contact is closed.

IPC 8 full level

H01H 47/02 (2006.01)

CPC (source: EP KR US)

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